

s. s. "JOHAN DE WITT".

Built 1920-2. Owners: N.V. Stoomvaart Maats. Nederland.

The working pressure assigned to the boilers of this vessel is 213 lb. per sq. inch and with a view to increasing the speed of this ship the Owners now desire that an increased working pressure of 220 lb. per sq. inch may be assigned.

In cases of this type it has been the practice of the Society to allow a higher pressure than that originally assigned only if the scantlings of the boilers meet the requirements of the Rules in force at the time the application is made.

The present Rules require that the ~~percentage~~ strength of the circumferential seams shall be not less than 42% of the solid shell plate; as shown on the plan this percentage is only 34.6. Moreover since the screwed stays supporting the combustion chambers are not fitted with nuts at each end the thickness of this plating is not sufficient for the higher pressure required.

IT IS SUBMITTED the Owners be informed that the plans of the boilers of this vessel have been carefully examined and it is found that the scantlings of the boiler do not meet the requirements of the present Rules for this proposed increase of pressure of 7 lb. per sq. inch, and in the circumstances it is regretted that the assigned working pressure of 213 lb. per sq. inch cannot be increased.

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